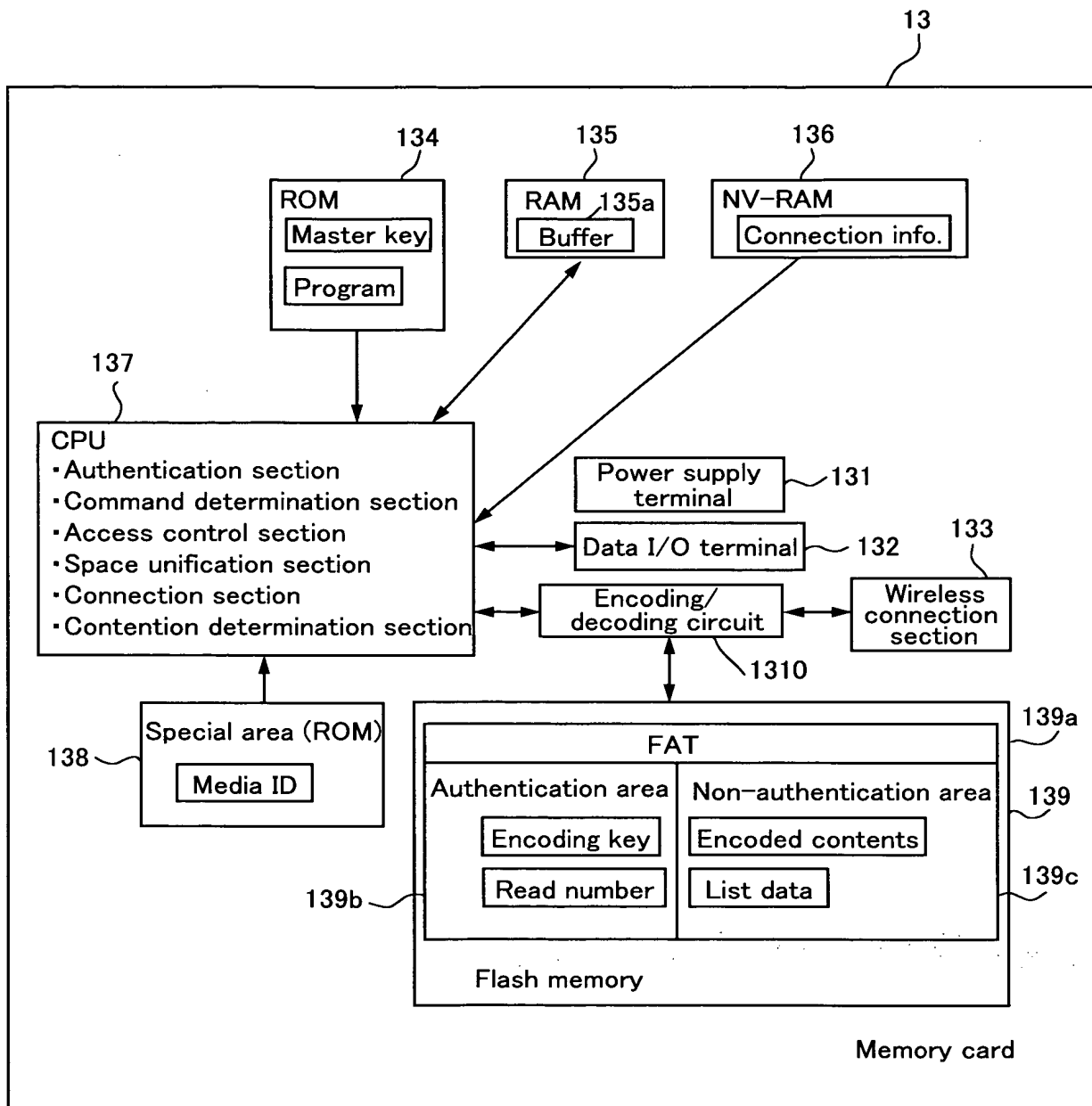


*Fig. 1*



*Fig. 2*

Connection info.(NV-RAM)

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URL of Destination	http://storage.server.com/rm/login.asp
Identification ID for connection	301938472G322DPE
Connection authentication password	F32248DCPDCL20EM

*Fig. 3*

Data file for list					
Last update date				03/10/15/20:12:00	
⋮					
Ch	Recorded date	Time	Resolution	Time of recording	Protectionial
BS 7	03/10/10	19:00	SP	01:00	Unprotected
Name of video data file				Title	
/DVD_RTAV/MOV00011.MPG				BS Special	
⋮					
Ch	Recorded date	Time	Resolution	Time of recording	Protectionial
12	03/10/10	19:00	SP	01:24	Unprotected
Name of video data file				Title	
/DVD_RTAV/MOV00012.MPG				Soccer game	
⋮					
Ch	Recorded date	Time	Resolution	Time of recording	Protectionial
12	03/10/11	21:00	SP	00:28	Unprotected
Name of video data file				Title	
/DVD_RTAV/MOV00013.MPG				Music Special	
⋮					

Fig. 4

Program navigation			SD		
<div> <div></div> <div></div> <div></div> <div></div> <div></div> </div>	No	Ch	Recorded date	Time	Title
	005	BS 7	03/10/10	19:00	BS Special
	006	12	03/10/10	14:00	Soccer game
	007	12	03/10/11	21:00	Music Special
	008	4	03/10/13	19:00	History Special

*Fig. 5*

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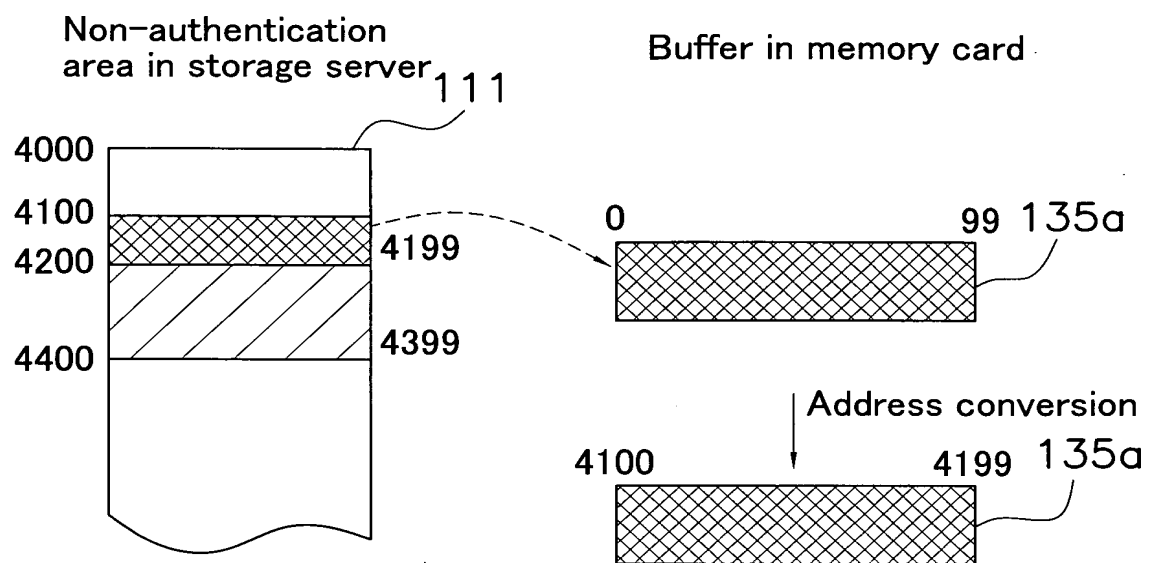
FAT	
Address	Data ID
0000	ENCRYPT/MOV00011.MPG
⋮	⋮
0100	ENCRYPT/MOV00012.MPG
⋮	⋮
3000	DVD_RTAV/MOV00011.MPG
⋮	⋮
4000	DVD_RTAV/MOV00012.MPG
⋮	⋮

Authentication area {

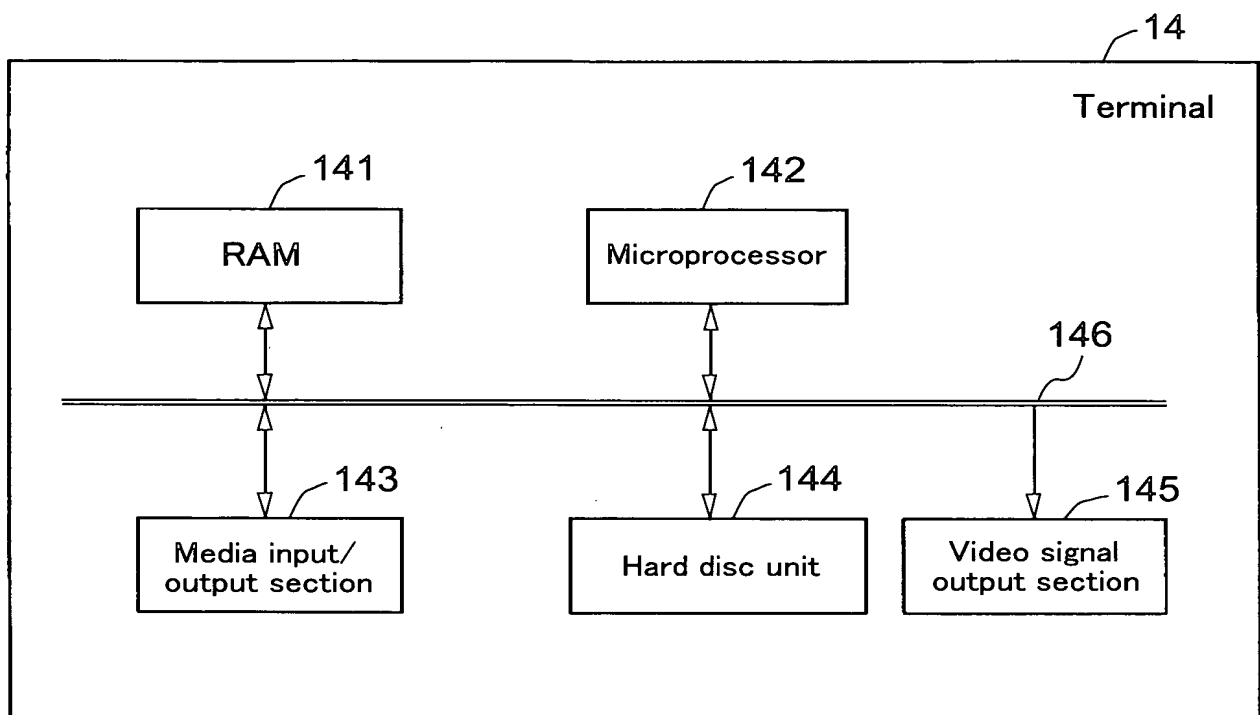
Non-authentication area {

Non-authentication area (server) {

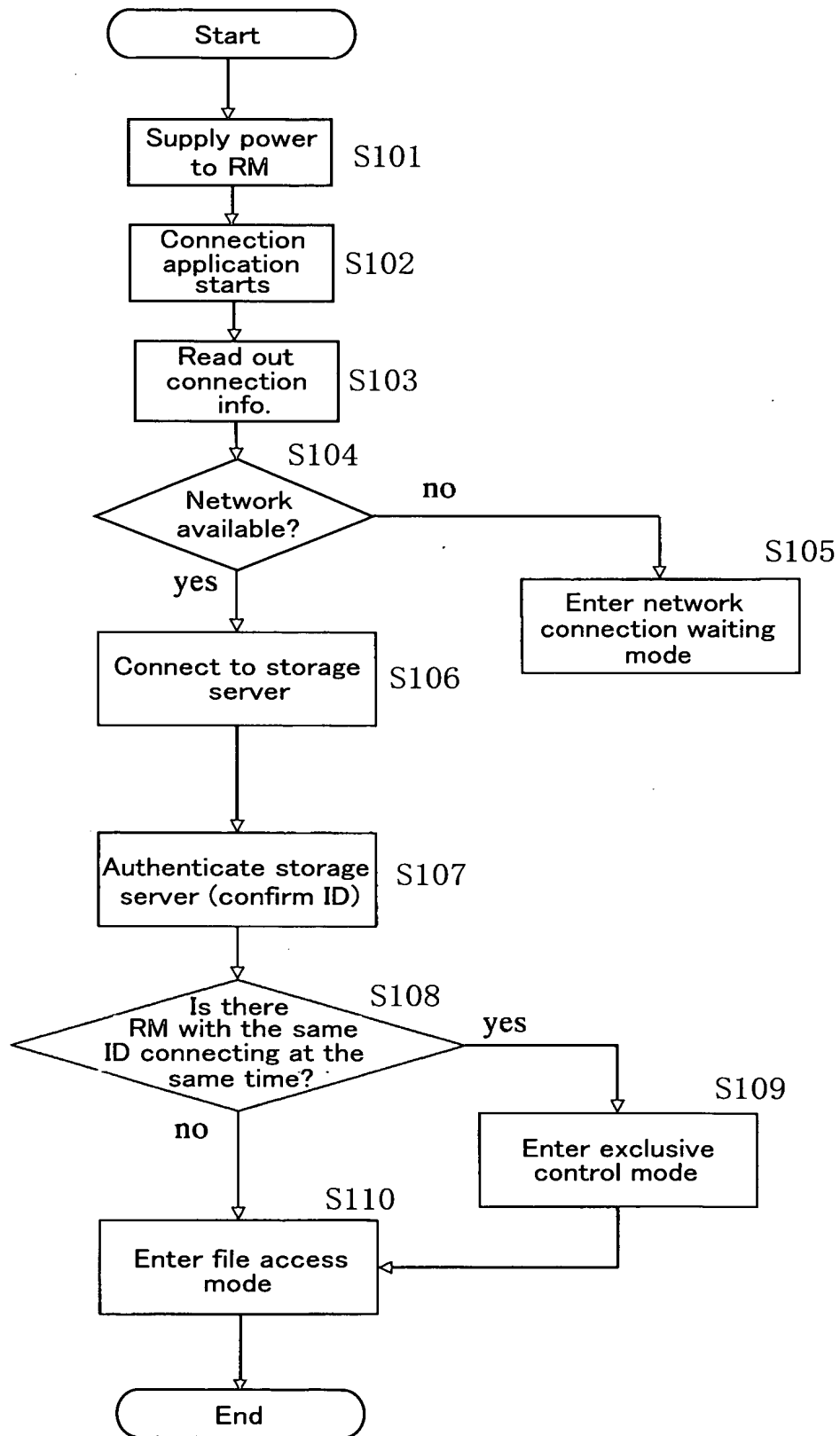
*Fig. 6*



*Fig. 7*



*Fig. 8*



*Fig. 9*

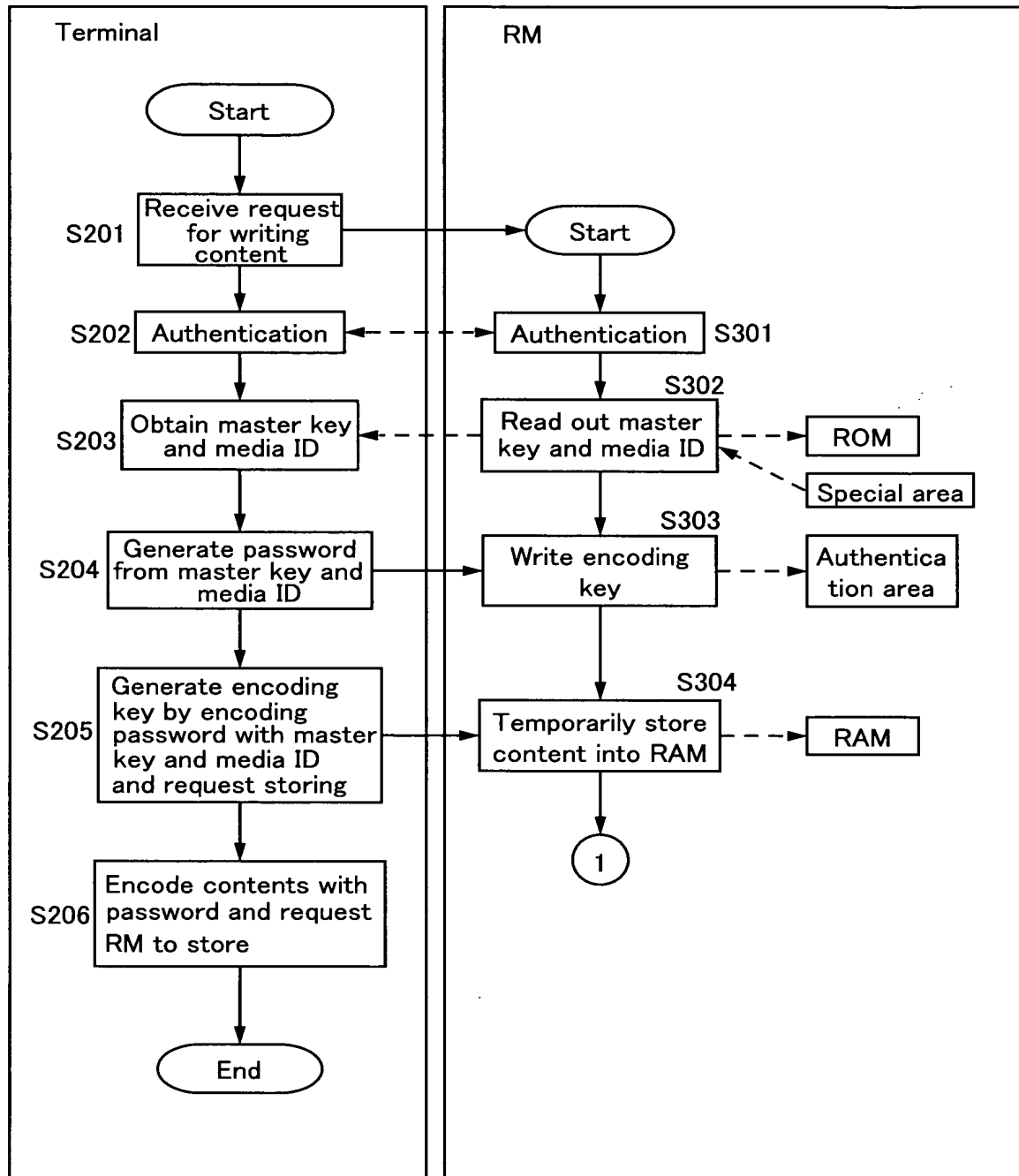


Fig. 10A

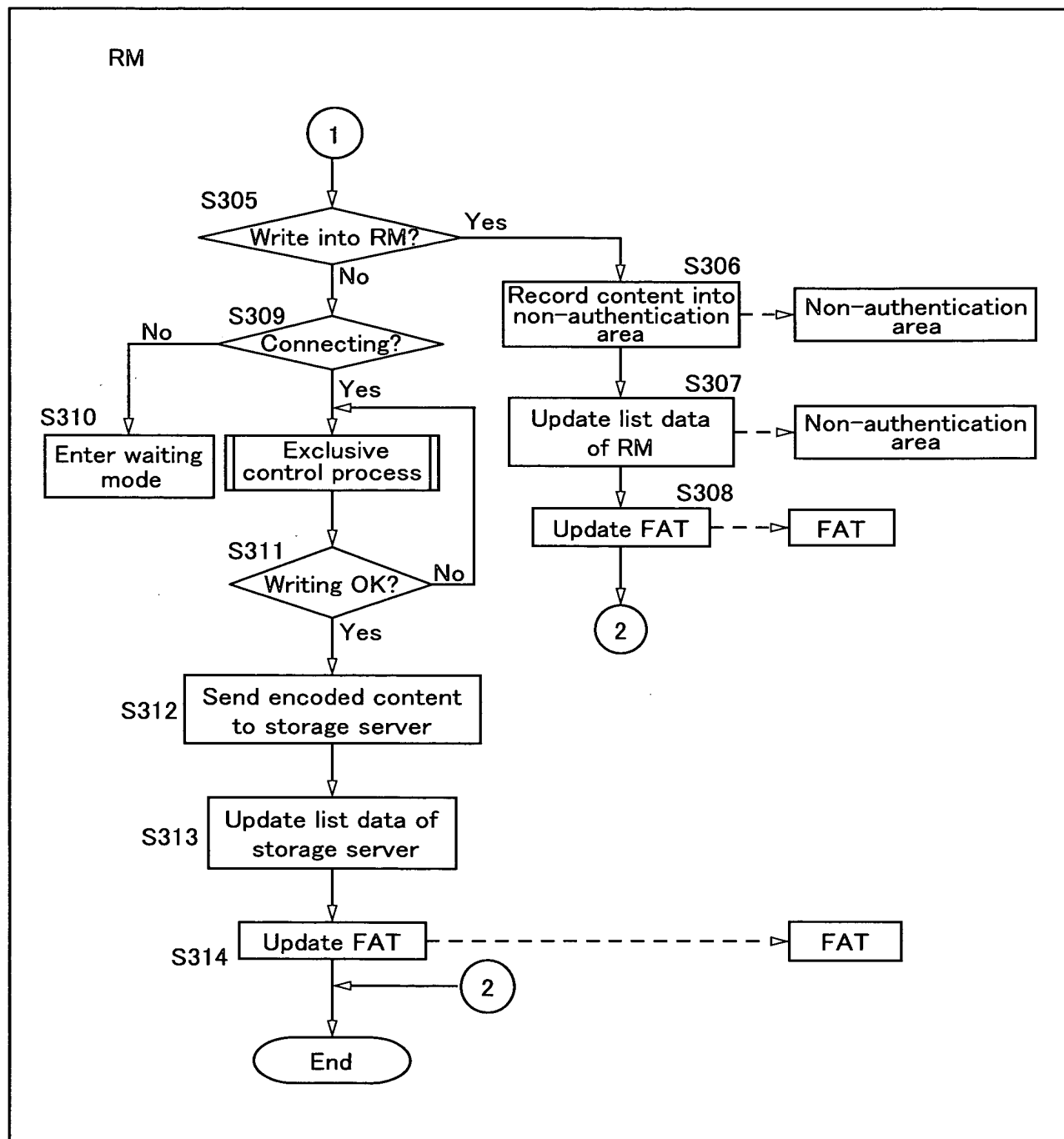


Fig. 10B

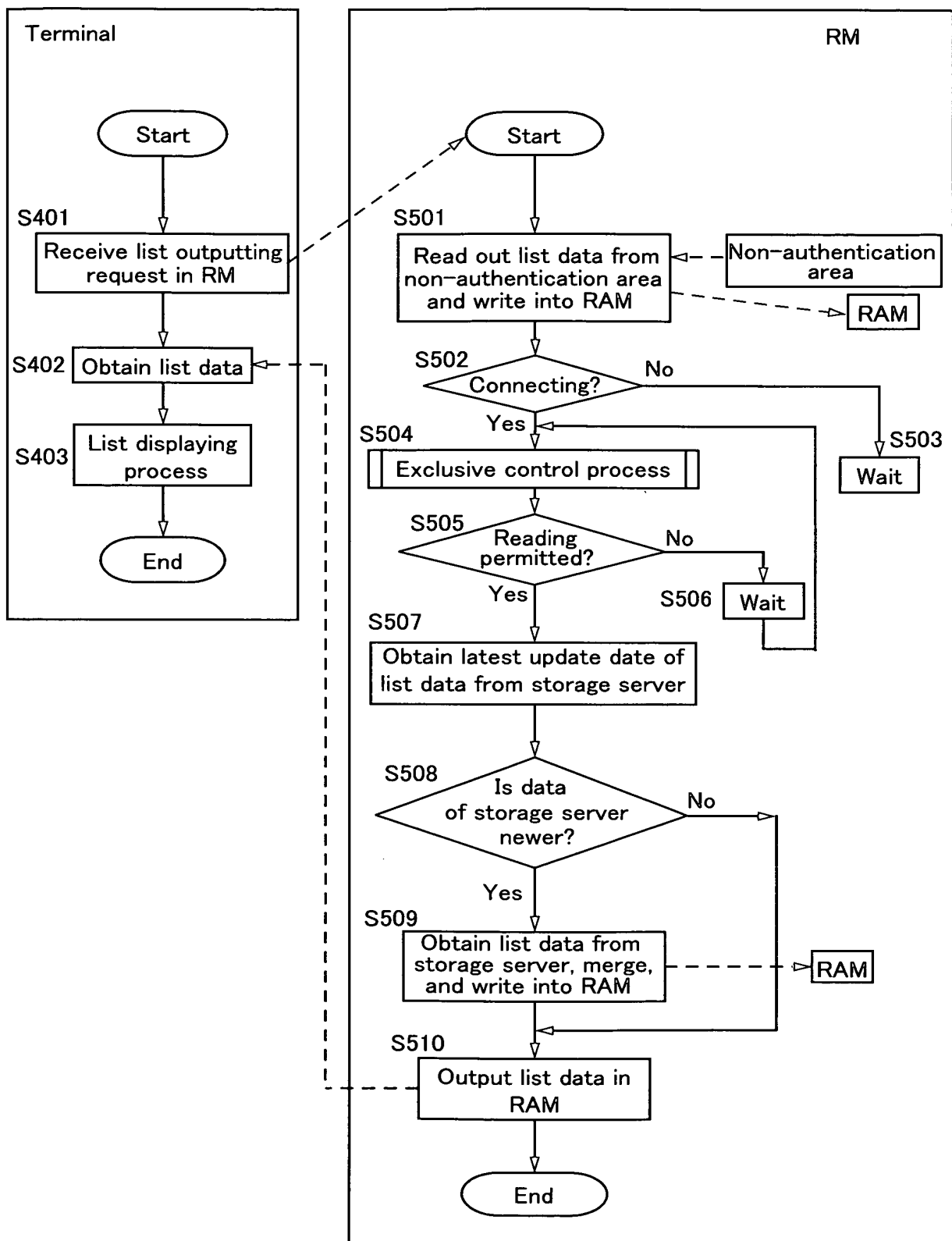


Fig. 11

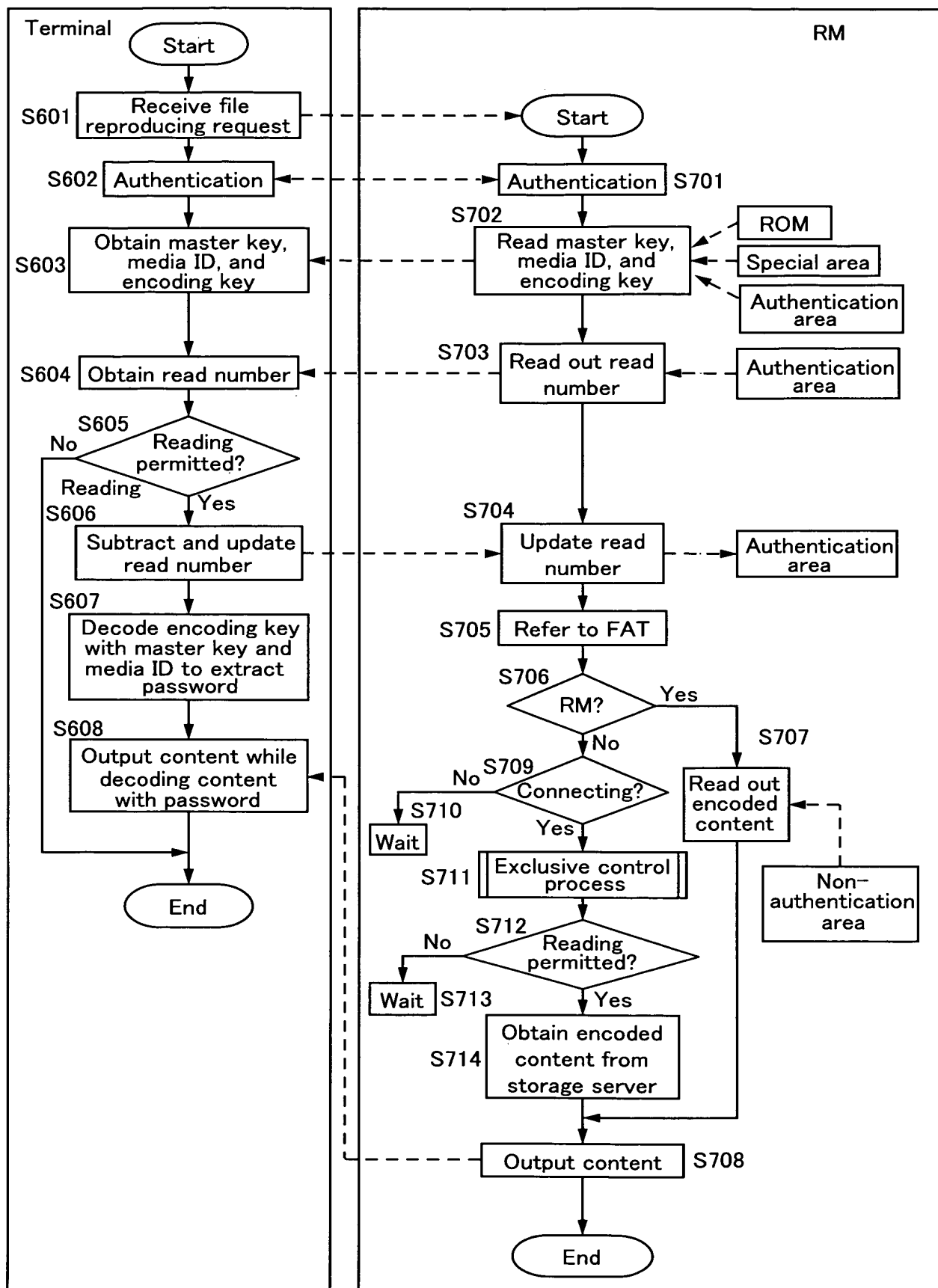


Fig. 12

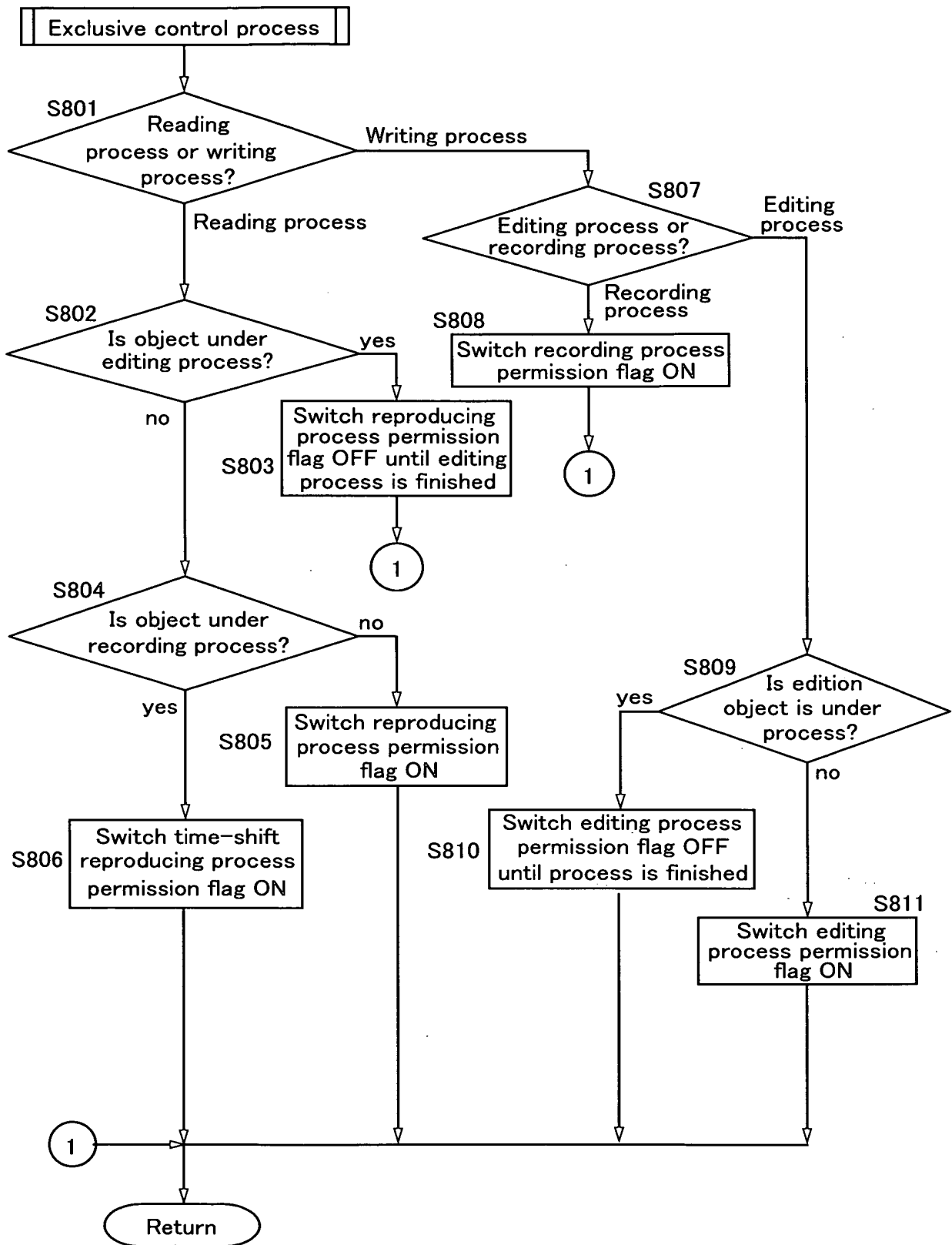


Fig. 13

Program navigation			SD		User name: ○○○	
<div>▲</div> <div>▨</div> <div>▼</div>	No	Ch	Recorded date	Time	Title	Access rights
	005	BS 7	03/10/10	19:00	BS special	Full
	006	12	03/10/10	14:00	Soccer game	Read only
	007	12	03/10/11	21:00	Special feature of music	Full
	008	4	03/10/13	19:00	History special	Non access

**Fig. 14**

User management table	
Last update date	03/10/15/20:12:00
⋮	
Group ID	0549SDG6EG35
Accessible removable media	
Identification ID for connection	301938472G322DPE
Connection authentication password	F32248DCPDCL20EM
Access right	All
Identification ID for connection	DK937546ED354984
Connection authentication password	DKPE03KDUI38DUOL
Access right	User: Mike
Identification ID for connection	6584316E8D4Q6545
Connection authentication password	DKUE69die36423di
Access right	Guest
⋮	
⋮	

*Fig. 15*

Dubbing	SD→SD
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Select access right for SD to be produced

Access right	Description
ALL	Reproduction, deletion and edition of all data are permitted
Guest	Only reproduction of data permitted to guests is permitted
User:Mike	Reproduction of data permitted to guests and reproduction, deletion and edition of data for Mike are permitted
User:Mary	Reproduction of data permitted to guests and reproduction, deletion and edition of data for Mike are permitted

Add new user

*Fig. 16*